

Product datasheet for **SC214719**

OAS2 (NM_001032731) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	OAS2 (NM_001032731) Human 3' UTR Clone
Symbol:	OAS2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001032731
Insert Size:	1456 bp



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Insert Sequence:	>SC214719 3'UTR clone of NM_001032731 The sequence shown below is from the reference sequence of NM_001032731. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAAATCAAGCGATCGCC GGGTGCCAGACAGCTCTGTGCAACCTCTAGGCCATGAGTGGGATAGATACCACTGCTGCTTTAAAAAAT GGGAGACCATAGACCCTCAGGAGAGAAGAATCCCTTCTACCCTGGACTCGCTCTCTTCTCTGGAATAA CTTCTCCCCCATACCCTGATTGTCTTTGGAGAAAATGTTCTGGATTCTAGAATCTAAGGCAGAGCCTTT TAAGCCATACTGTACACATAAATCACCTGGAACCTTGTTAAATGCAGATCCTGACTCAGGAGGTCTGA GTTAGAGCCCAGGATTTTCATATTCTAGCCAGCTCCATGATGAGCTGCTGGTCCGAGATCATGCTTGC AGGTTTTGACCAGAGTCAGTGTGGTTAGAGTAAGAGGATGAGGCAGACATCTGGGAAAAGTCCAGCTG GGGCAAGCATTTGAAGTCTGCCTTCTACCAGGTCAAAATCAAGGCAACGACCTTCCATAGATAACTAT CAAAGCTTGAGGGGGTGCCTTGAACCAACTCCTAAATCCCTAAGACCTGCCACCTCTTGTGTCTCCT GTCTCAGCAAACATTCCACACTCTTGCAATTGTTAAAGTAACCTCTGCTTACCAGGCTTCTGGTTTA ATAAAAGATGGCTAGAGTGACTCCATCTTAAAGCAAGTAGCTAGGCACTAAAAGGAACCTACAGGCTT AATACTTGGGTCTGAAAATAGCCACAGTCTAAGCTGACCACCAATTATAATTGCAGAATATTTAAGGCC ATACAAAACATCTCCCACTAAGCCTACAAAATGTCCAGGTGCTCTAAAAGTTCAGCCCACTTAAAGGCA GCATTAATGAGCAGGTTTAGGTTGAAGGATTAATGGTCATCAATACCACTGTTAAGAAGAAAATCTTG GCCAAATTGAATTTAATGGAGTTAACTGAGCAGACAATTCACAAATCTAGAAGCCTCCTGAGCCAGAG TAGGTTTCAGAGAGTCTTGAACACAGCCACGTGGTGAAGAAGATTATGGACAGGAAAAGGAAAATGAT GTACTGAAAATGAAAGTGAGGTACAGAAACAGCCAGACTGGTTATAGCTCAGCATTGGCCTTATTTGAA CGAGATTTGAACAGTTGGCCACCTTTGATTGGCCGAAACTCAGTGATTGGCACAAGAGTAGGTTGCAGT CTGTTTACACATCCTTTTAGGTTATAGTTCACCATGTACAGAGAAATTTAGGCCAACTTAAAATATG TAAGGAGGCAGCTTTAGGCTAACTTGATTTAACAGCACCAATACCCCTACCTTTAGTGAGCACATCT GCACATTCCAATTTAATGACAGCTCCTTAGAATTTCTTATCAACGAAGACACTAACAAAGAAATGGCGC ATTCTCTCTCTCTTTCTGAGGATGCCCTACCCTGTAACAAAGTCGTTTCTAATAAATTTGCTTCTTT CACCATA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001032731.2
Summary:	This gene encodes a member of the 2-5A synthetase family, essential proteins involved in the innate immune response to viral infection. The encoded protein is induced by interferons and uses adenosine triphosphate in 2'-specific nucleotidyl transfer reactions to synthesize 2',5'-oligoadenylates (2-5As). These molecules activate latent RNase L, which results in viral RNA degradation and the inhibition of viral replication. The three known members of this gene family are located in a cluster on chromosome 12. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]

Locus ID: 4939

MW: 55.3